

Thorpe CofE Primary Computing Curriculum

	T1	T2	T3	T4	T5	T6
EYFS		Using a Computer Link to Kapow		All about instructions Link to Kapow		Introduction to data Link to Kapow
Y1	How does a mouse help us on the computer? Improving mouse skills. Computer systems and networks Online Safety lesson 1 and 2		What is an algorithm? Algorithms unplugged Programming Online safety lesson 3 and online safety week.		How can we move a robot? Programming a bee bot Programming Link to maths- Position and Direction Online safety lesson 4 and 5.	
Y2		What is a computer? Computer Systems and networks Online safety lesson 1 and 2		How do we create a computer game? Algorithms and debugging Programming Online safety lesson 3 and online safety week.		How many different animals can we find? Introduction to data (year 1 unit) Link to Maths Summer 1. Data handling Online safety lesson 4 and 5.
Y3		What is the internet? Computing systems and networks: Networks and the internet <i>Use to research the Bronze/Iron Age.</i> Online safety lesson 1 and 2	How can I program my own computer game with a loop Programming: scratch Online safety lesson 3 and online safety week.			How can we make a film trailer? Creating Media – Video trailers Online safety lesson 4 and 5.
Y4		What is a variable in coding? Programming: Further coding with scratch. Online safety lesson 1 and 2	What is computational thinking? Programming: computational thinking Online safety lesson 3 and online safety week.		What is a weather station? Data handling: investigating weather Online safety lesson 4 and 5.	
Y5		What does the Mars Rover do? Data Handling: Mars Rover 1 Online safety lesson 1 and 2		How can we create music on a computer? Programming Music using scratch Online safety lesson 3 and online safety week focusing on inaccurate information online using search engines unit lesson 2.		What is stop picture animation? Creating media: Stop Picture animation Online safety lesson 4 and 5.
Y6	Who are histories computing heroes? <i>Computing systems and networks: Bletchley Park</i> Online Safety Lessons 1 and 2		How can we use Python to create code? Or What is a micro-bit? Programming Online safety lesson 3 and online safety week.			Why is data important in real life? Data Handling: Big data 1 Online safety lesson 4 and 5.